

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

Antonello Covacci, Massimo Bugnoli, John  
Telford, Rini Rappuoli and Giovanni Macchia

Group Art Unit: Unassigned

Examiner: Unassigned

**For:** Helicobacter Pylori CAI Antigen Proteins  
Useful for Vaccines and Diagnostics

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent      ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

- ☒ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.
- ☒ said application having been amended by Preliminary Amendment.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign**

application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input checked="" type="checkbox"/>	Italy	FI92A 000052	March 2, 1992
<input checked="" type="checkbox"/>	PCT	EP93/00472	March 2, 1993
<input checked="" type="checkbox"/>	PCT	EP93/00158	January 25, 1993
<input type="checkbox"/>			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
08/471,491	June 6, 1995	
08/256,848	October 21, 1994	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number

Date Filed

\_\_\_\_\_

\_\_\_\_\_

I hereby appoint the following persons as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert P. Blackburn Reg. No. 30,447

Kenneth M. Goldman Reg. No. 34,174

Alisa A. Harbin Reg. No. 33,895

Francis A. Paintin Reg. No. 19,386

Doreen Y. Trujillo Reg. No. 35,719

Address all correspondence to:

Alisa A. Harbin, Esq.  
**CHIRON CORPORATION**  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097  
Telephone No.: (510) 923-2700  
Facsimile No.: (510) 655-3542

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name:</b> Antonello Covacci	
<b>Mailing Address:</b> Vc. Provenzano, 8 53100, Siena, Italy	<b>Signature</b> _____
<b>City/State of Actual Residence:</b> Siena, Italy	<b>Date of Signature:</b> _____
	<b>Citizenship:</b> <u>Italy</u>

<b>Name:</b> Massimo Bugnoli	
<b>Mailing Address:</b> V. del Pozzo, 38 53035, Monteriggioni, Italy	<b>Signature</b> _____
<b>City/State of Actual Residence:</b> Monteriggioni, Italy	<b>Date of Signature:</b> _____
	<b>Citizenship:</b> <u>Italy</u>

<b>Name:</b> John Telford	
<b>Mailing Address:</b> Via Sambuco, 43 53010, Monteriggioni, Italy	<b>Signature</b> _____
<b>City/State of Actual Residence:</b> Monteriggioni, Italy	<b>Date of Signature:</b> _____
	<b>Citizenship:</b> <u>Italy</u>

<b>Name: Rino Rappuoli</b>	
<b>Mailing Address:</b> Via Calamandrei 53010 Quercegrossa (SI), Italy	<b>Signature</b> _____
<b>City/State of Actual Residence:</b> Sienna, Italy	<b>Date of Signature:</b> _____
	<b>Citizenship:</b> <u>Italy</u>

<b>Name: Giovanni Macchia</b>	
<b>Mailing Address:</b> Parkweg 31 2271 AD Voorburg (NL), Netherlands	<b>Signature</b> _____
<b>City/State of Actual Residence:</b> Voorburg, Netherlands	<b>Date of Signature:</b> _____
	<b>Citizenship:</b> <u>Italy</u>

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HELICOBACTER PYLORI PROTEINS USEFUL FOR VACCINES AND DIAGNOSTICS

the specification of which (check one)   x   is attached hereto   x   was filed on March 2, 1993 as PCT/EP93/00472 and was amended on    (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

=====

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Number	Country	Day/Month/Year Filed	Priority Claimed	
			Yes	No
FI92 A 000052	IT	02 03 92	x	
PCT/EP93/00158	EP	25 01 93	x	

=====

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
		Patented, Pending, Abandoned
EP 93/00472	03/02/93	Pending

=====

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such

willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: ANTONELLO COVACCI

Inventor's signature: Antonello Covacci Date: 6.10.94

Residence: Vc. Provenzano, 8  
53100, Siena  
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name of second inventor: MASSIMO BUGNOLI

Inventor's signature: Massimo Bugnoli Date: 6.10.94

Residence: V. del Pozzo, 38  
53035, Monteriggioni  
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name third inventor: JOHN TELFORD

Inventor's signature: John Telford Date: 6 Oct. 1994

Residence: Via S. Ambro, 43  
53010, Monteriggioni  
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name of fourth inventor: GIOVANNI MACCHIA

Inventor's signature: Giovanni Macchia Date: October 14<sup>th</sup> 1934

Residence: Via Monte Velino 57  
67051 Avezzano (AQ)  
ITALY

Citizenship: ITALY

Post Office Address: Same as above

Full name of fifth inventor: RINO RAPPUOLI

Inventor's signature: [Signature] Date: 7/10/34

Residence: Via Calamandrei, 39  
53010 Quercegrossa (SI)  
ITALY

Citizenship: ITALY

Post Office Address: Same as above